



PATIENT PRESENTING CLINICAL SIGNS

Robbie Simmons

Treated for enlarged lymph nodes with Prednisone 25mg BID. Not all nodes are enlarged. History of heart murmur and gastroenteritis with current palpable splenomegaly.
Abnormal PE/Chem/CBC/UA Results: Low T4, Elevated ALKP and PSL. Low Hemoglobin and Hematocrit.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Dandie Dinmont Terrier

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

Neutered Male

The residual prostate was free of pathology.

AGE

12 Years

Normal renal size with asymmetrical margination was present in both kidneys. The renal cortex presented uniformly increased in echogenicity with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. Mild loss of corticomedullary distinction was also present. The renal medullary volume was subjectively reduced. The left kidney measured 5.6 cm. The right kidney measured 5.7 cm.

WEIGHT

25.3 Pounds

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

The bilateral adrenal glands were mildly prominent in size with non-homogeneous parenchyma. The right adrenal gland measured 1.9 cm length x 0.83 cm at the caudal pole. The left adrenal gland measured 2.2 cm length x 0.71 cm at the caudal pole.

INTERPRETED BY

R. McKenzie Daniel, DVM,
DABVP (Canine and Feline)

Spleen

The spleen was enlarged with multifocal variably sized, hypoechoic to expansive parenchymal nodules with associated lateral and medial splenic capsule distortion. Example of splenic nodule measured 1.2 cm diameter.

IMAGING PERFORMED BY

Crystal Hill

Liver

HOSPITAL NAME

The Maples AH

The liver exhibited generalized enlargement with asymmetrical contour. Non-uniform to diffusely nodular hepatic parenchyma noted. The gallbladder was non distended in size with echogenic, mildly inspissated yet non-organized debris. The cystic duct and common bile ducts were normal without evidence of dilation.

REFERRING VET

Dr. Kazienko

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild echogenic ingesta with progressive distal acoustic shadowing.

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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

DATE

12/8/21



PATIENT *Pancreas*

Robbie Simmons

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

SPECIES

Canine

Free Abdomen

Small pockets of scant perisplenic and perihepatic free fluid noted with regional perisplenic to perihepatic reactive mesentery.

BREED

Dandie Dinmont Terrier

A focally enlarged hepatic lymph node was present, measuring 1.5 cm x 1.0 cm. This lymph nodes was homogenous, mildly hypoechoic and smoothly margined. A normal width: length ratio was maintained (<0.5). Evidence of perilymphatic inflammation was evident.

SEX

Neutered Male

PRIMARY FINDINGS

- Hepatosplenomegaly with concurrent non-uniform to nodular hepatosplenic parenchyma
- Regional perisplenic to perihepatic reactive mesentery and scant free fluid
- Hypoechoic to swollen hepatic lymphadenopathy

AGE

12 Years

SECONDARY FINDINGS

- Moderate inspissated gallbladder debris (non-mucocele)
- Bilateral chronic renal changes

WEIGHT

25.3 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

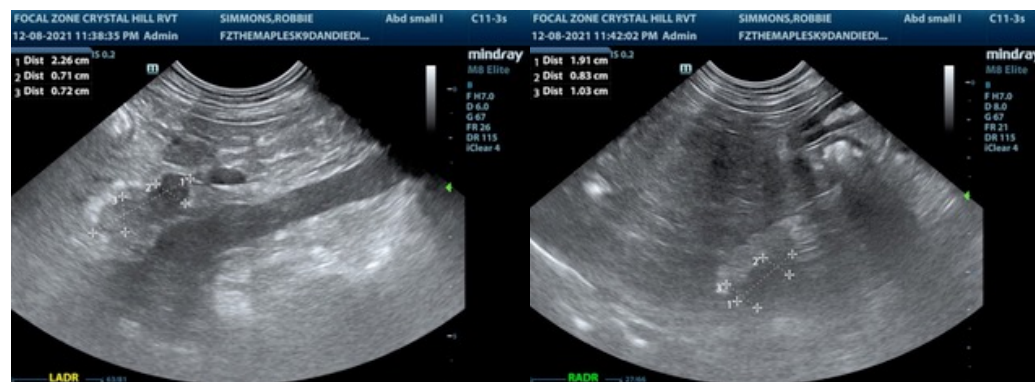
INTERPRETED BY

R. McKenzie Daniel, DVM,
DABVP (Canine and Feline)

Although sampling is required for further clarification, presentation of the liver and spleen is consistent with multicentric hepatic neoplasia, round cell neoplasia, sarcoma, or other with likely hepatic lymph node involvement. Assuming normal clotting status, ultrasound guided FNA of the liver and spleen using 25-gauge needle warranted for cytology and oncology consult. Unfortunately, unfavorable long-term prognosis is likely indicated.

IMAGING PERFORMED BY

Crystal Hill



HOSPITAL NAME

The Maples AH

REFERRING VET

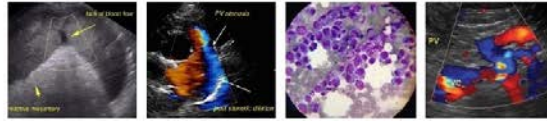
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PATIENT

Robbie Simmons

SPECIES

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Terrier

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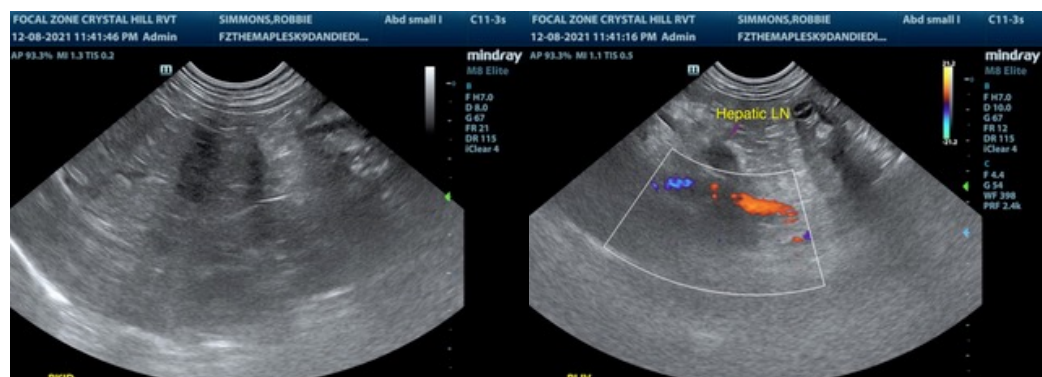
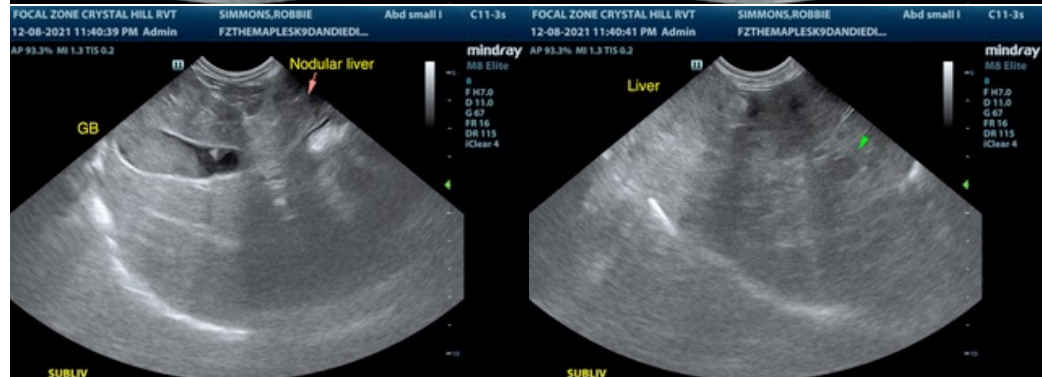
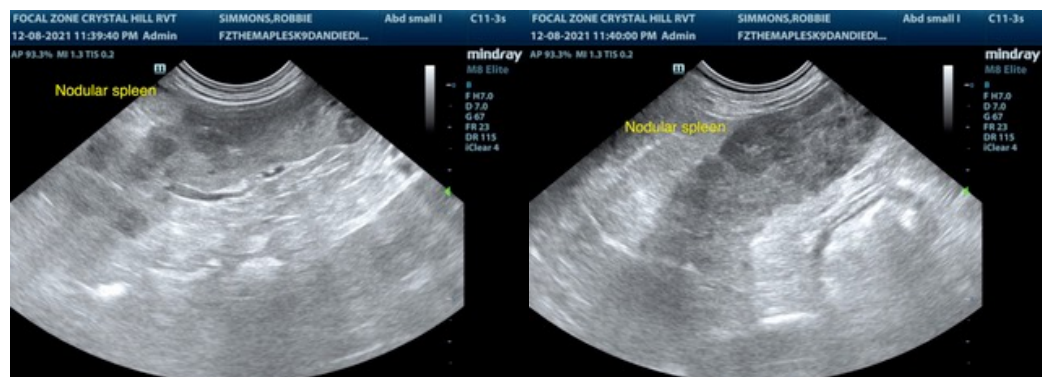
Dr. Kazienko

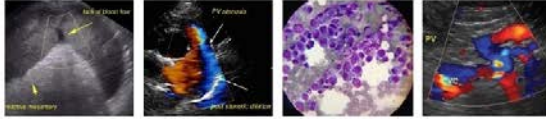
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PATIENT

Robbie Simmons

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

BREED

Dandie Dinmont
Terrier

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

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Neutered Male

AGE

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WEIGHT

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